ELSEVIER

Coordination Chemistry Reviews
193–195 (1999) 1163

COORDINATION CHEMISTRY REVIEWS

COORDINATION CHEMISTRY REVIEWS, VOLS. 193–195 (1999)

AUTHOR INDEX

Alonso, B., 395
Alvarez, S., 13
Antiñolo, A., 43

Bayón, J.C., 73
Brito, F., 857, 913

Cadierno, V., 147
Cámpora, J., 207
Carmona, E., 207
Carrillo-Hermosilla, F., 43
Casado, C.M., 395
Casas, J.S., 283
Chicote, M.T., 1143
Ciriano, M.A., 941
Claver, C., 73
Clemente-Juan, J.M., 361
Coronado, E., 361
Cortés, R., 1027
Cuadrado, I., 395
Cuenca, T., 447

Díez, J., 147
Domínguez, S., 857, 913

Escuer, A., 1027
Espinet, P., 499
Esteruelas, M.A., 557

Fajardo, M., 43
Faus, J., 1069
Fernández-Baeza, J., 43
Ferrer, M., 619

Galindo, A., 643
Gamasa, M.P., 147
García-Tasende, M.S., 283
García-Vázquez, J.A., 691
García-Yuste, S., 43
Gili, P., 747
Gimeno, J., 147
Gómez, M., 769

Hernández-Molina, R., 857, 913

Journaux, Y., 1069
Julve, M., 1069

Laguna, A., 837
Laguna, M., 837
Lastra, E., 147
Lezama, L., 1027
Lloret, F., 1069
Lorenzo-Luis, P.A., 747
Losada, J., 395

Masdeu-Bultó, A.M., 73
Mederos, A., 857, 913
Miguel, D., 643
Monfort, M., 1027
Morán, M., 395
Muller, G., 769

Oro, L.A., 1, 3, 557, 941
Otero, A., 43

Palma, P., 207
Perez, J., 643
Pérez-Torrente, J.J., 941
Puerta, M.C., 977

Quirós, M., 1119

Reina, R., 619
Ribas, J., 1027
Rocamora, M., 769
Rojo, T., 1027
Romero, J., 691
Romero, M.A., 1119
Rossell, O., 619
Royo, P., 447
Ruiz, R., 1069

Salas, J.M., 1119
Sánchez, M.P., 1119
Sanchiz, J., 857, 913
Seco, M., 619
Sordo, J., 283
Soulantica, K., 499
Sousa, A., 691

Valerga, P., 977
Vicente, J., 1143
Vicente, R., 1027
Villarroya, B.E., 941

PII: S0010-8545(99)00216-7

ELSEVIER

Coordination Chemistry Reviews
193–195 (1999) 1165–1169

COORDINATION CHEMISTRY REVIEWS

SUBJECT INDEX

Acetylacetonato
The 'acac method' for the synthesis of coordination and organometallic compounds: synthesis of gold complexes 1143
Alkynyl
The 'acac method' for the synthesis of coordination and organometallic compounds: synthesis of gold complexes 1143

Basicity
Coordinating ability of phenylenediamines 913
Bridging ligands
Controlling the molecular architecture of low nuclearity rhodium and iridium complexes using bridging N–C–X (X = N, O, S) ligands 941
Building blocks
Anionic iron clusters as building blocks for the synthesis of higher nuclearity compounds containing 11- and 12-group elements 619

Carbon disulphide derivatives
Phosphine–carbon disulfide adducts, S_2CPR_3: versatile ligands in coordination chemistry 643
Catalysis
The chemistry of group 10 metalacycles 207
Phosphine-pyridyl and related ligands in synthesis and catalysis 499
Iridium and rhodium complexes with tetrafluorobenzobarrelene diolefins 557
Chromates
Compounds of chromium(VI) as ligands 747
Coordinating ability
Coordinating ability of ligands derived from phenylenediamines 857
Coordination compounds
Coordination chemistry of oxazoline ligands 769

Crystal structure
Structural aspects of the coordination chemistry of organothallium(III) and organomercury(II) derivatives 283
Cyclopentadienyl
Advances in the chemistry of bis-cyclopentadienyl hydride derivatives of niobium and tantalum 43

Dendrimers
Organometallic dendrimers with transition metals 395
Dichromates
Compounds of chromium(VI) as ligands 747
Dinuclear
Coordination chemistry of gold(II) complexes 837
Diolefin
Iridium and rhodium complexes with tetrafluorobenzobarrelene diolefins 557
Dithiocarbamato
The 'acac method' for the synthesis of coordination and organometallic compounds: synthesis of gold complexes 1143
Dithiolato
The 'acac method' for the synthesis of coordination and organometallic compounds: synthesis of gold complexes 1143

Electrochemical synthesis
Electrochemical synthesis of metallic complexes of bidentate thiolates containing nitrogen as an additional donor atom 691
Electrochemistry
Organometallic dendrimers with transition metals 395
Electron transfer
Coordinating ability of phenylenediamines 913
Magnetic clusters from polyoxometalate complexes 361

PII: S0010-8545(99)00217-9

Ethynyl
The 'acac method' for the synthesis of coordination and organometallic compounds: synthesis of gold complexes 1143

Gold
Coordination chemistry of gold(II) complexes 837
Gold complexes
The 'acac method' for the synthesis of coordination and organometallic compounds: synthesis of gold complexes 1143
Gold(II)
Coordination chemistry of gold(II) complexes 837
11-Group elements
Anionic iron clusters as building blocks for the synthesis of higher nuclearity compounds containing 11- and 12-group elements 619
12-Group elements
Anionic iron clusters as building blocks for the synthesis of higher nuclearity compounds containing 11- and 12-group elements 619

Halochromates
Compounds of chromium(VI) as ligands 747
Hemilabile ligands
Phosphine-pyridyl and related ligands in synthesis and catalysis 499
Heterocyclic thiones
Electrochemical synthesis of metallic complexes of bidentate thiolates containing nitrogen as an additional donor atom 691
Heterometallic complexes
Coordination chemistry of *N,N'*-bis(coordinating group substituted)oxamides: a rational design of nuclearity tailored polynuclear complexes 1069
Heteropolychromates
Compounds of chromium(VI) as ligands 747
High oxidation states.
Coordination chemistry of *N,N'*-bis(coordinating group substituted)oxamides: a rational design of nuclearity tailored polynuclear complexes 1069
Homogenous catalysis
Homogeneous catalysis with transition metal complexes containing sulfur ligands 73
Homometallic complexes
Coordination chemistry of *N,N'*-bis(coordinating group substituted)oxamides: a rational design of nuclearity tailored polynuclear complexes 1069
Hydride
Advances in the chemistry of bis-cyclopentadienyl hydride derivatives of niobium and tantalum 43
Hydrosulfido
The 'acac method' for the synthesis of coordination and organometallic compounds: synthesis of gold complexes 1143

Indenyl complexes
Indenyl complexes of Group 8 metals 147
Indenyl metal alkynyl complexes
Indenyl complexes of Group 8 metals 147
Indenyl metal carbene complexes
Indenyl complexes of Group 8 metals 147
Iridium
Controlling the molecular architecture of low nuclearity rhodium and iridium complexes using bridging N–C–X (X = N, O, S) ligands 941
Iridium and rhodium complexes with tetrafluorobenzobarrelene diolefins 557
Iron carbonyl anions
Anionic iron clusters as building blocks for the synthesis of higher nuclearity compounds containing 11- and 12-group elements 619
Iron, ruthenium and osmium complexes
Indenyl complexes of Group 8 metals 147

Magnetic behavior
Polynuclear Ni^{II} and Mn^{II} azido bridging complexes. Structural trends and magnetic behavior 1027
Magnetic clusters
Magnetic clusters from polyoxometalate complexes 361
Magnetic exchange
Magnetic clusters from polyoxometalate complexes 361
Metalacycles
The chemistry of group 10 metalacycles 207
Metal complexes
Structural aspects of the coordination chemistry of organothallium(III) and organomercury(II) derivatives 283
Metal complexes of triazolopyrimidines
Metal complexes of [1,2,4]triazolo-[1,5-a]pyrimidine derivatives 1119

Metallic thiolates
Electrochemical synthesis of metallic complexes of bidentate thiolates containing nitrogen as an additional donor atom 691
Metallocenes
Organometallic dendrimers with transition metals 395
Metallodendrimers
Organometallic dendrimers with transition metals 395
Mixed-valence
Magnetic clusters from polyoxometalate complexes 361
Molecular magnetism
Magnetic clusters from polyoxometalate complexes 361
Molecular magnets
Polynuclear Ni^{II} and Mn^{II} azido bridging complexes. Structural trends and magnetic behavior 1027
Molecular orbitals
Bonding and stereochemistry of three-coordinated transition metal compounds 13
Mutagenicity
Coordinating ability of phenylenediamines 913

Nickel
The chemistry of group 10 metalacycles 207
Niobocene
Advances in the chemistry of bis-cyclopentadienyl hydride derivatives of niobium and tantalum 43
Nitrogen ligands
Controlling the molecular architecture of low nuclearity rhodium and iridium complexes using bridging N–C–X (X = N, O, S) ligands 941
NMR
Coordination chemistry of oxazoline ligands 769

Organomercury(II) complexes
Structural aspects of the coordination chemistry of organothallium(III) and organomercury(II) derivatives 283
Organometallics
Organometallic dendrimers with transition metals 395
Organothallium(III) complexes
Structural aspects of the coordination chemistry of organothallium(III) and organomercury(II) derivatives 283

Oxamidate complexes
Coordination chemistry of *N,N'*-bis(coordinating group substituted)oxamides: a rational design of nuclearity tailored polynuclear complexes 1069
Oxazoline
Coordination chemistry of oxazoline ligands 769
Oxidative-addition
Controlling the molecular architecture of low nuclearity rhodium and iridium complexes using bridging N–C–X (X = N, O, S) ligands 941

Palladium
The chemistry of group 10 metalacycles 207
Phenylenediamine
Coordinating ability of phenylenediamines 913
Phenylenediamines
Coordinating ability of ligands derived from phenylenediamines 857
Phosphine
Phosphine-pyridyl and related ligands in synthesis and catalysis 499
Phosphine–carbon disulfide adducts
Phosphine–carbon disulfide adducts, S_2CPR_3: versatile ligands in coordination chemistry 643
Phosphoniodithiocarboxylate
Phosphine–carbon disulfide adducts, S_2CPR_3: versatile ligands in coordination chemistry 643
Phosphoniodithioformate
Phosphine–carbon disulfide adducts, S_2CPR_3: versatile ligands in coordination chemistry 643
Platinum
The chemistry of group 10 metalacycles 207
Polyaminecarboxylic acids
Coordinating ability of ligands derived from phenylenediamines 857
Polychromates
Compounds of chromium(VI) as ligands 747
Polymerization
Ruthenium and osmium vinylidene complexes and some related compounds 977
Polynuclear
Controlling the molecular architecture of low nuclearity rhodium and iridium complexes using bridging N–C–X (X = N, O, S) ligands 941

Coordination chemistry of gold(II) complexes 837
Polynuclear complexes
Coordination chemistry of *N,N'*-bis(coordinating group substituted)oxamides: a rational design of nuclearity tailored polynuclear complexes 1069
Polynuclear Ni^{II} and Mn^{II} azido bridging complexes
Polynuclear Ni^{II} and Mn^{II} azido bridging complexes. Structural trends and magnetic behavior 1027
Polyoxometalates
Magnetic clusters from polyoxometalate complexes 361
Purine analogs
Metal complexes of [1,2,4]triazolo-[1,5-a]pyrimidine derivatives 1119
Pyridine
Phosphine-pyridyl and related ligands in synthesis and catalysis 499

Reactivity
Advances in the chemistry of bis-cyclopentadienyl hydride derivatives of niobium and tantalum 43
Rhodium
Controlling the molecular architecture of low nuclearity rhodium and iridium complexes using bridging N–C–X (X = N, O, S) ligands 941
Iridium and rhodium complexes with tetrafluorobenzobarrelene diolefins 557
Ruthenium
Ruthenium and osmium vinylidene complexes and some related compounds 977

Schiff bases
Coordinating ability of ligands derived from phenylenediamines 857
Silyl–cyclopentadienyl
Transition metal complexes with functionalized silyl-substituted cyclopentadienyl and related ligands: synthesis and reactivity 447
Silyl–fluorenyl
Transition metal complexes with functionalized silyl-substituted cyclopentadienyl and related ligands: synthesis and reactivity 447
Silyl–indenyl
Transition metal complexes with functionalized silyl-substituted cyclopentadienyl and related ligands: synthesis and reactivity 447
Stability constants
Coordination chemistry of *N,N'*-bis(coordinating group substituted)oxamides: a rational design of nuclearity tailored polynuclear complexes 1069
Stereochemistry
Bonding and stereochemistry of three-coordinated transition metal compounds 13
Sulfur ligands
Homogeneous catalysis with transition metal complexes containing sulfur ligands 73
Synthesis
Advances in the chemistry of bis-cyclopentadienyl hydride derivatives of niobium and tantalum 43

Tantalocene
Advances in the chemistry of bis-cyclopentadienyl hydride derivatives of niobium and tantalum 43
Tetrafluorobenzobarrelene
Iridium and rhodium complexes with tetrafluorobenzobarrelene diolefins 557
Thiolato
The 'acac method' for the synthesis of coordination and organometallic compounds: synthesis of gold complexes 1143
Three-coordination
Bonding and stereochemistry of three-coordinated transition metal compounds 13
Toxicity Coordinating ability
Coordinating ability of phenylenediamines 913
Transition metal
Coordination chemistry of oxazoline ligands 769
Transition metal clusters
Anionic iron clusters as building blocks for the synthesis of higher nuclearity compounds containing 11- and 12-group elements 619
Transition metal complexes
Bonding and stereochemistry of three-coordinated transition metal compounds 13
Transition metal complexes with functionalized silyl-substituted cyclopentadienyl and related ligands: synthesis and reactivity 447
Transition metals
Organometallic dendrimers with transition metals 395

Homogeneous catalysis with transition metal complexes containing sulfur ligands 73
Phosphine-pyridyl and related ligands in synthesis and catalysis 499
Triazolopyrimidines
Metal complexes of [1,2,4]triazolo-[1,5-a]pyrimidine derivatives 1119
Trithiocarbonato
The 'acac method' for the synthesis of coordination and organometallic compounds: synthesis of gold complexes 1143

Vinylidene complexes
Ruthenium and osmium vinylidene complexes and some related compounds 977

X-ray
Coordination chemistry of oxazoline ligands 769
X-ray structure
Structural aspects of the coordination chemistry of organothallium(III) and organomercury(II) derivatives 283
X-ray structures
Metal complexes of [1,2,4]triazolo-[1,5-a]pyrimidine derivatives 1119

Ylide
The 'acac method' for the synthesis of coordination and organometallic compounds: synthesis of gold complexes 1143